

Title (en)

DETERMINING MESSAGE REPETITIONS IN TELECOMMUNICATION SYSTEMS

Title (de)

BESTIMMUNG VON NACHRICHTENWIEDERHOLUNGEN IN TELEKOMMUNIKATIONSSYSTEMEN

Title (fr)

DÉTERMINATION DE RÉPÉTITIONS DE MESSAGE DANS DES SYSTÈMES DE TÉLÉCOMMUNICATION

Publication

**EP 4340250 A1 20240320 (EN)**

Application

**EP 23186333 A 20230719**

Priority

FI 20225785 A 20220909

Abstract (en)

There is provided an apparatus comprising: at least one processor; and at least one memory storing instructions that, when executed by the at least one processor, cause the apparatus at least to perform: receiving, from a network node, a configuration being indicative of at least: at least one first threshold value for distinguishing between numbers of repetition of transmission; at least one offset value for the at least one first threshold. The apparatus is caused to perform: measuring power values of synchronization signal block beams; selecting a beam based on the measured power values; determining a number of repetitions of transmission of a first message based on at least a mapping between number of repetitions and power values of synchronization signal block beams, the at least one first threshold value, the at least one offset value, and at least one condition; and transmitting, to the network node, the first message using the determined number of repetitions on the selected beam.

IPC 8 full level

**H04B 7/06** (2006.01); **H04L 1/08** (2006.01); **H04L 1/1867** (2023.01); **H04W 74/0833** (2024.01)

CPC (source: EP US)

**H04B 7/06952** (2023.05 - EP); **H04L 1/08** (2013.01 - US); **H04L 1/189** (2013.01 - EP); **H04W 40/02** (2013.01 - US); **H04W 74/0841** (2013.01 - EP)

Citation (search report)

- [IA] US 2021076384 A1 20210311 - MOLAVIANJAZI EBRAHIM [US], et al
- [IA] WO 2022064462 A1 20220331 - LENOVO SINGAPORE PTE LTD [SG]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 23186333 A 20230719**; US 202318347870 A 20230706